

Notice of Allowability

Application No.

10/708,698

Applicant(s)

FAN ET AL.

Examiner

Quochien B. Vuong

Art Unit

2618

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 03/19/2004.
2. ☒ The allowed claim(s) is/are 1-12.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

2. The application has been amended as follows:

In the Claims:

Claim 1, line 13, after the phrase "another receiving time data to the cell phone", replace "." With --;--.

Reasons for Allowance

3. The examiner's amendment above is needed to correct a minor graphical error in order to put the case in condition for allowance.

4. Claims 1-12 are allowed over the cited prior art.

5. The following is an examiner's statement of reasons for allowance:

Regarding independent claims 1 and 7, the closest prior art is the background of the invention which discloses a method (figure 2) and a cell phone (figure 1) for reducing transmission power consumption of the cell phone, the cell phone comprising: a transceiver module for transmitting signals to a base station and receiving signals transmitted from the base station; and a processor for controlling operation of the cell phone; wherein when the transceiver module receives a receiving time data transmitted from the base station, the processor reads a receiving time interval from the receiving

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time data; if the processor transmits a connection signal to the base station through the transceiver module after the receiving time interval, the base station transmits another receiving time data to the cell phone (paragraphs [0005-0006]); the method comprising: when the transceiver module receives the receiving time data transmitted from the base station; stopping signal transmission to the base station until the receiving time interval is passed; and resuming the connection signal transmission to the base station after the receiving time interval (paragraphs [0008]-[0020]). However, the prior art fails to disclose the method and cell phone above further comprising determining a virtual receiving time interval according to the receiving time interval in the receiving time data, the virtual receiving time interval being longer than the receiving time interval; stopping signal transmission to the base station until the virtual receiving time interval is passed; and resuming the connection signal transmission to the base station after the virtual receiving time interval.

Priority

6. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Katsuragawa (US 6,339,588) discloses method and system of CDMA communication.

Adachi et al. (US 6,411,808) disclose portable terminal equipment.

Han et al. (US 6,597,929) disclose method for reducing power consumption of radio terminal by sensing duration of nonservice and/or varying receiver period.

Horikoshi et al. (US 6,636,550) disclose bi-directional transmitter/receiver system and bi-directional transmitter/receiver.

8. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quochien B. Vuong whose telephone number is (571) 272-7902. The examiner can normally be reached on M-F 9:30-18:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Urban can be reached on (571) 272-7899. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Quochien B. Vuong
April 17, 2006.



QUOCHIE B. VUONG
PRIMARY EXAMINER